

--	--

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON SEPTEMBER 10, 2012
FROM:	JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENGINEERING & CITY ENGINEER
SUBJECT	CONTRACT AWARDS FOR TRAFFIC SIGNAL MODIFICATIONS TENDERS 12-85 & 12-91

RECOMMENDATION

That on the recommendation of the Managing Director, Engineering & City Engineer the following actions **BE TAKEN** with respect to the award of contracts for the Traffic Signal Modifications at the Trafalgar St/Highbury Ave, King St/Wellington St, Dufferin Ave/Clarence St, and Queens Ave/Clarence St Intersections:

- (a) the bid submitted by CRU Solutions, a division of EARTH (Holdings) Inc. 180 Whiting St., Ingersoll, ON N5C 3B5, at its tendered price of \$199,728.00 (excluding H.S.T.), for the Traffic Signal Modifications at the Trafalgar St/Highbury Ave and King St/Wellington St Intersections Project (Tender 12-85), **BE ACCEPTED**, it being noted that this bid was the lowest of four (4) bids received and meets the City's specifications and requirements in all areas; and it being further noted that there is no anticipated additional operating costs to the Engineering Department Operating Budget in 2013 and subsequent years associated with approval of this tender;
- (b) the bid submitted by CRU Solutions, a division of EARTH (Holdings) Inc. 180 Whiting St., Ingersoll, ON N5C 3B5, at its tendered price of \$247,861.00 (excluding H.S.T.), for the Traffic Signal Modifications at the Dufferin Ave/Clarence St and Queens Ave/Clarence St Intersections Project (Tender 12-91), **BE ACCEPTED**, it being noted that this bid was the lowest of three (3) bids received and meets the City's specifications and requirements in all areas; and it being further noted that there is no anticipated additional operating costs to the Engineering Department Operating Budget in 2013 and subsequent years associated with approval of this tender;
- (c) the financing for these projects **BE APPROVED** as set out in the Source of Financing Report attached hereto as Appendix 'A';
- (d) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with these projects;
- (e) the approval given herein **BE CONDITIONAL** upon the Corporation entering into formal contracts or issuing of purchase orders for the material to be supplied and the work to be done relating to these projects (Tender 12-85 & 12-91); and
- (f) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

--	--

BACKGROUND

As part of the annual infrastructure condition review it was determined that the Trafalgar St/Highbury Ave, King St/Wellington St, Dufferin Ave/Clarence St, and Queens Ave/Clarence St intersections should be replaced in order to minimize future maintenance costs. These four intersections were broken into two contracts in order to help ensure all qualified contractors would have an opportunity to participate in one or both contracts. The design and contract administration of the Trafalgar St/Highbury Ave and King St/Wellington St (Tender 12-85) project was done by staff from the Roadway Lighting & Traffic Control Division. A consultant (Delcan) was utilized for the design and contract administration of the Dufferin Ave/Clarence St and Queens Ave/Clarence St (Tender 12-91) project. This report recommends the award of both tenders.

Tender Summaries:

Tenders for the Traffic Signal Modifications at the Trafalgar St/Highbury Ave, King St/Wellington St, Dufferin Ave/Clarence St, and Queens Ave/Clarence St Intersections (Tenders 12-85 & 12-91) were opened on August 2, 2012.

TRAFALGAR ST/HIGHBURY AVE AND KING ST/WELLINGTON ST INTERSECTIONS PROJECT (TENDER 12-85)		
CONTRACTORS		CONTRACT PRICE (SUBMITTED)
1.	CRU Solutions	\$ 199,728.00
2.	Guild Electric	\$ 208,998.17
3.	Stacey Electric	\$ 223,125.70
4.	Weinmann Electric	\$ 273,330.91

DUFFERIN AVE/CLARENCE ST AND QUEENS AVE/CLARENCE ST INTERSECTIONS PROJECT (TENDER 12-91)		
CONTRACTORS		CONTRACT PRICE (SUBMITTED)
1.	CRU Solutions	\$ 247,861.00
2.	Weinmann Electric	\$ 293,498.38
3.	Stacey Electric	\$ 502,521.10

All tenders have been checked by the City's consulting engineer, Delcan and/or the Roadway Lighting & Traffic Control Division.

The tender estimate just prior to tender opening for Tender 12-85 was \$220,000 and \$300,000.00 for Tender 12-97 (all exclusive of H.S.T.). All tenders include a contingency allowance of \$25,000.00 (exclusive of H.S.T.). Therefore, tendering results are favorable in both contracts to the City compared to the engineers estimate.

There are no anticipated additional annual operating costs to the Engineering Department Operating budget in 2013 and subsequent years associated with the approval of these tenders.

--	--

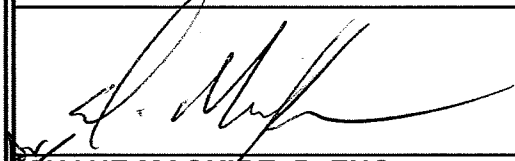
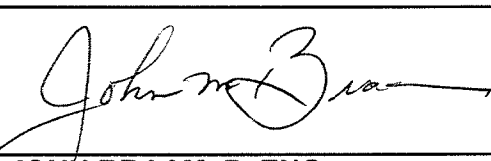
Conclusion:

The traffic signal modifications at the Trafalgar St/Highbury Ave, King St/Wellington St, Dufferin Ave/Clarence St, and Queens Ave/Clarence St intersections will help mitigate future maintenance costs by replacing the aged infrastructure.

The low bids submitted by CRU Solutions, a division of ERTH (Holdings) Inc. are recommended for award of these contracts.

ACKNOWLEDGEMENTS:

This report was prepared by Phil D'Agostino and Shane Maguire of the Roadway Lighting & Traffic Control Division.

PREPARED BY:	RECOMMENDED BY:
	
SHANE MAGUIRE, P. ENG. DIVISION MANAGER ROADWAY LIGHTING & TRAFFIC CONTROL DIVISION	JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENGINEERING DEPARTMENT & CITY ENGINEER

August 3, 2012

Attachment: Appendix 'A' – Source of Financing

- cc Administrative Services
- Delcan
- CRU Solutions, 180 Whiting St., Ingersoll, ON N5C 3B5
- Guild Electric, 470 Midwest Rd., Toronto, M1P 4Y5
- Stacey Electric, 179 Bartley Dr. Unit B, Toronto, M4A 1E6
- Weinmann Electric, 211 Courtwright St, Fort Erie, L2A 2R9

Chair and Members
Civic Works Committee

August 30, 2012
(Award Contract)

RE: Traffic Signal Modifications

Capital Project TS4067-11 - 2011 Traffic Signals - Maintenance

Capital Project TS5123 - 2010 Street Light Maintenance

CRU Solutions - \$199,728 (excluding H.S.T.) - Trafalgar/Highbury & King/Wellington St. Intersections

CRU Solutions - \$247,861 (excluding H.S.T.)- Dufferin/Clarence & Queens/Clarence St. Intersections

FINANCE DEPARTMENT REPORT ON THE SOURCES OF FINANCING:

Finance Department confirms that the cost of this project can be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendations of the Managing Director, Engineering and City Engineer, the detailed source of financing for this project is:

ESTIMATED EXPENDITURES	Approved Budget	Committed to Date	This Submission	Balance for Future Work
<u>TS4067-11 - 2011 Traffic Signals-Mtce</u>				
Engineering	137,072	137,072		0
Construction	777,590	777,590		0
Traffic Signals	303,739	274,971		28,768
-Trafalgar/Highbury & King/Wellington	152,432		152,432	0
- Dufferin/Clarence & Queens/Clarence	189,167		189,167	0
	<u>1,560,000</u>	<u>1,189,633</u>	<u>341,599</u>	<u>28,768</u>
<u>TS5123 - 2010 Street Light Mtce.</u>				
Engineering	10,006	10,006		0
Construction	52,264	52,264		0
Traffic Signals	700,864	675,248		25,616
-Trafalgar/Highbury & King/Wellington	50,811		50,811	0
- Dufferin/Clarence & Queens/Clarence	63,055		63,055	0
	<u>877,000</u>	<u>737,518</u>	<u>113,866</u>	<u>25,616</u>
NET ESTIMATED EXPENDITURES	<u>\$2,437,000</u>	<u>\$1,927,151</u>	<u>\$455,465</u> 1)	<u>\$54,384</u>
<u>SOURCE OF FINANCING:</u>				
<u>TS4067-11 - 2011 Traffic Signals-Mtce</u>				
Capital Levy	\$827,000	\$827,000		\$0
Debenture By-Law No. W.-5294-150	733,000	362,633	341,599	28,768
	<u>1,560,000</u>	<u>1,189,633</u>	<u>341,599</u>	<u>28,768</u>
<u>TS5123 - 2010 Street Light Mtce.</u>				
Capital Levy	877,000	737,518	113,866	25,616
TOTAL FINANCING	<u>\$2,437,000</u>	<u>\$1,927,151</u>	<u>\$455,465</u>	<u>\$54,384</u>

1) **Financial Note:**

Trafalgar/Highbury & King/Wellington St.

	TS4067-11	TS5123	TOTAL
Contract Price	\$149,796	\$49,932	\$199,728
Add: HST @13%	19,473	6,491	25,964
Total Contract Price Including Taxes	<u>169,269</u>	<u>56,423</u>	<u>225,692</u>
Less: HST Rebate	16,837	5,612	22,449
Net Contract Price	<u>\$152,432</u>	<u>\$50,811</u>	<u>\$203,243</u>

Dufferin/Clarence & Queens/Clarence St.

Contract Price	\$185,896	\$61,965	\$247,861
Add: HST @13%	24,166	8,055	32,221
Total Contract Price Including Taxes	<u>210,062</u>	<u>70,020</u>	<u>280,082</u>
Less: HST Rebate	20,895	6,965	27,860
Net Contract Price	<u>\$189,167</u>	<u>\$63,055</u>	<u>\$252,222</u>

2) There are no anticipated additional annual operating costs to the Engineering Department in 2013 and subsequent years associated with the approval of these tenders.



Alan Dunbar

Manager of Financial Planning & Policy